L.S.H.S				
TEST	**METHOD**	**SPECIFICATION**		
		Grade	**Grade**	**Grade**
		Normal	**Coastal**	**Low Sulphur**
Density @ 15°C, g/ml	IS 1448 P :16	To be reported	Max. 0.97	To be reported
Sulphur, %w	ASTM D:4294	Max. 1.0*	Max. 1.5	Max. 0.45
Pour Point, °C	IS 1448 P :10	Max. 66	Max. 45	Max. 66
Kinematic Viscosity :(1)	IS 1448 P :25			
@ 50°C, cSt		-	Max.500	-
@ 100°C, cSt		To be reported	-	To be reported
Cal. Value Gross,Kcal/Kg (calculated)	IS 1448 P :7	To be reported	Min. 10200	To be reported
Water Content, %v	IS 1448 P :40	Max. 1.0	Max. 1.0	Max. 1.0
Ash, %w	IS 1448 P :4	Max. 0.1	Max. 0.1	Max. 0.1
Sediment, %w	IS 1448 P :30	Max. 0.25	Max. 0.15	Max. 0.25
Flash Point, °C	IS 1448 P :21	Min. 76	Min. 66	Min. 76
Acidity (Inorganic)	IS 1448 P :2	NIL	-	NIL
Vanadium content, ppm	AAS /ICP	-	Max. 150	-
Sodium content, ppm	AAS /ICP	-	Max. 50	-
Aluminium, ppm	AAS /ICP	-	Max. 30	-
Aluminium + Silicon, ppm	AAS /ICP	-	Max. 80	-
CCR (%wt.)	ASTM D:189	-	Max. 22	-
Asphaltenes (%wt.)	ASTM D:6560	-	Max. 14	-
Normal grade conforms to BIS (IS 11489:1985) Spec.				
* For export parcel of LSHS, the sulphur content may be more stringent to meet customer requirement.				
(1) In addition to the above, the following specification is followed by BPCL for better customer satisfaction.				

Kinematic Viscosity @ 100°C, cSt	P : 25	Max. 25